

Abstract of the Disclosure

A method is required in which a plate-like flange member may be firmly secured at the front end of a hollow shaft member through a plastic working treatment by virtue of caulking combination, so as to manufacture a hollow shaft having a flange at one end thereof. In detail, the method comprises preparing a plate-like flange member A having an axial projection 13 including a constricted portion 13a on one side thereof; preparing a hollow shaft member B having an elongate internal space arranged in the axial direction thereof; engaging the axial projection 13 of the plate-like flange member A into a front end portion of the hollow shaft member B and at the same time inserting a mandrel 15 into the hollow shaft member B; pressing the hollow shaft member B in its axial direction towards the plate-like flange member A while performing a shear spinning treatment on the outer periphery surface of the hollow shaft member B so as to reduce the size of the hollow shaft member B in its radial direction; engaging the front portion of the hollow shaft member B with the constricted portion 13a of the axial projection 13 of the plate-like flange member A by virtue of caulking combination.